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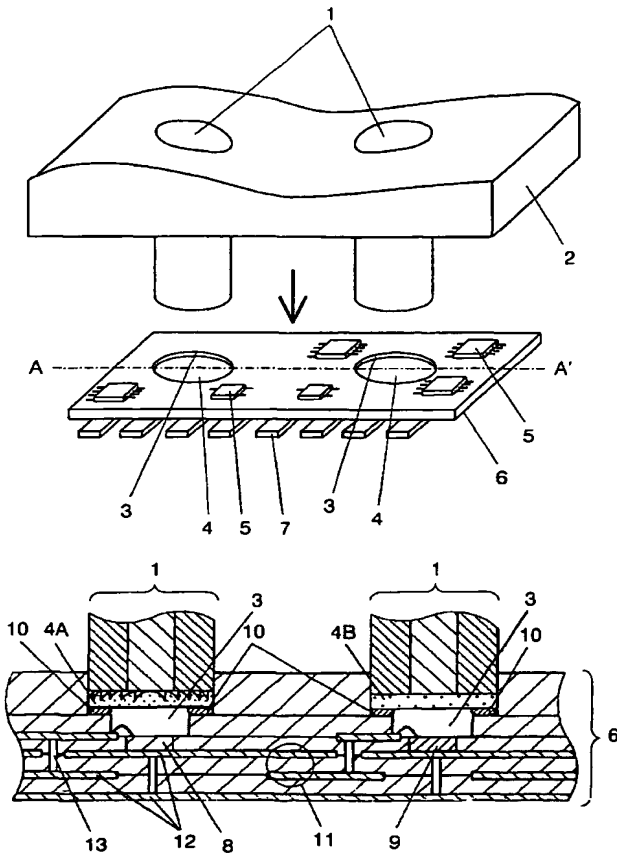
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(54) Title: OPTICAL COMMUNICATIONS MODULE AND SUBSTRATE FOR THE SAME



(57) Abstract: A substrate (6) on which cavities (3) having floors and steps is provided. End faces of a light-emitting device (8), an optical component (4a), and an optical transmission line (1) are abutted on one of the cavity for positioning, and end faces of a light-receiving device (9), an optical component (4b), and an optical transmission line are also abutted on the other cavity for positioning. Integrated alignment of optical axes facilitates alignment of optical axes, and thus eliminates the need of a CAN package. Accordingly, the size and height of an optical communications module can be reduced.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B H01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 103 398 A (DENTON ROBERT K ET AL) 15 August 2000 (2000-08-15)	1,8-13, 15,17, 18,21, 23-25, 27-31
Y	column 2, line 4 - line 5 column 3, line 20 - line 67; figure 2 column 5, line 15 - line 20 ----- -/-	16,22,26



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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